

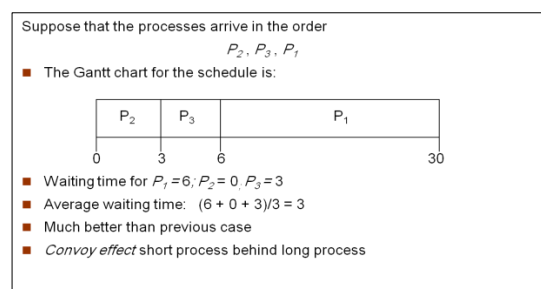
Final exam 351

T/F – MCs

Essay Questions

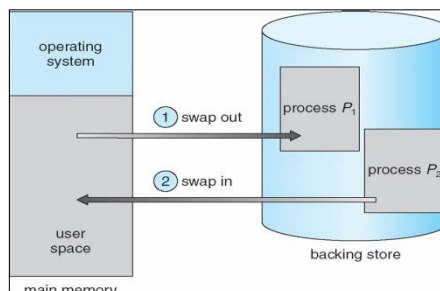
Answer all questions :

- 1- Define 4 access methods with briefly description and example - (**Cache memory**)
- 2- Scheduling methods (FCFS – SJF) . table example with 5 processes information (Arrival time + burst time) . draw a scheduling line contains the 5 process according to the (FCFS – SJF) scheduling techniques and determine which one is better .
(Answer : drawing and calculating waiting average time) - (**Scheduling**)



Example for Question 2 answer

- 3- Describe the diagram : - (**memory management – swapping**)



- 4- How to satisfy a request of size n from a list of free holes ? - (**memory management**)
- 5- Associative Memory technique - (**memory management**)
- 6- Classical Problems of Synchronization are Bounded-Buffer problem , Reader and writer problem and Dining-philosophers problem. Choose only one and describe it and identify its problem. (**Synchronization**)
- 7- The differences between DRAM and SRAM . 5 differences. - (**Internal memory**)
- 8- Advantages of using glass material instead of aluminum in magnetic disk – (**External memory**)